

Title (en)
Electrical switchgear

Title (de)
Elektrisches Unterbrechungsgerät

Title (fr)
Appareil de coupure électrique

Publication
EP 2061062 A1 20090520 (FR)

Application
EP 08354072 A 20081008

Priority
FR 0708045 A 20071116

Abstract (en)
The switchgear has fixed contacts (4), and mobile contacts (3) that are supported by a contact-carrier shaft (2), where the switchgear is housed in a box comprising a base (1) and a cover. An opening/closing mechanism (7) opens/closes the mobile contacts. A monoblock and removable cut-off module (13) comprises cut-off chambers (14-17) and supports the contact-carrier shaft, such that the shaft closes the chambers. The shaft is rotatably mounted with respect to the cut-off module.

Abstract (fr)
La présente invention concerne un appareil de coupure électrique logé dans un boîtier, ledit appareil comportant des contacts fixes (4), des contacts mobiles supportés par un arbre (2), un mécanisme (7) d'ouverture et/ou de fermeture des contacts et au moins une chambre de coupure (14 à 17). Ce dispositif est caractérisé en ce qu'il comporte un module de coupure monobloc et amovible (13) comportant au moins une chambre de coupure (14 à 17), ledit module (13) supportant l'arbre (2) supportant les contacts mobiles (3) de telle manière que seul ledit arbre (2) ferme lesdites chambres (14 à 17).

IPC 8 full level
H01H 83/14 (2006.01)

CPC (source: EP)
H01H 83/144 (2013.01); **H01H 1/5822** (2013.01); **H01H 9/346** (2013.01); **H01H 71/0221** (2013.01)

Citation (applicant)
• EP 1117115 A1 20010718 - SCHNEIDER ELECTRIC IND SA [FR]
• EP 0530392 A1 19930310 - SIEMENS AG [DE]
• FR 2475291 A1 19810807 - MERLIN GERIN [FR]

Citation (search report)
• [AD] FR 2475291 A1 19810807 - MERLIN GERIN [FR]
• [A] US 5874877 A 19990223 - KAWASHIMA YOSHIAKI [JP], et al

Cited by
CN108803778A; EP2743956A1; FR2999787A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2061062 A1 20090520; EP 2061062 B1 20100804; AT E476750 T1 20100815; BR PI0804924 A2 20090728; BR PI0804924 B1 20190102; CN 101436491 A 20090520; CN 101436491 B 20130612; DE 602008002034 D1 20100916; DK 2061062 T3 20101108; EA 017470 B1 20121228; EA 200802150 A2 20090630; EA 200802150 A3 20090828; EG 24961 A 20110228; ES 2347900 T3 20101122; FR 2923939 A1 20090522

DOCDB simple family (application)
EP 08354072 A 20081008; AT 08354072 T 20081008; BR PI0804924 A 20081117; CN 200810178213 A 20081117; DE 602008002034 T 20081008; DK 08354072 T 20081008; EA 200802150 A 20081114; EG 2008111856 A 20081113; ES 08354072 T 20081008; FR 0708045 A 20071116